

Title (en)

EXPLICIT SEALS FOR MOVING CYLINDER ASSEMBLY

Title (de)

EXPLIZITE DICHTUNGEN FÜR BEWEGLICHE ZYLINDERANORDNUNGEN

Title (fr)

JOINTS D'ETANCHEITE EXPLICITES POUR ENSEMBLE DE CYLINDRES EN MOUVEMENT

Publication

**EP 1789662 A2 20070530 (EN)**

Application

**EP 05797575 A 20050916**

Priority

- US 2005033213 W 20050916
- US 61036204 P 20040916

Abstract (en)

[origin: US2006054114A1] A moving cylinder assembly includes an end ported moveable cylinder having a chamber for receiving and engaging a piston connected to at least one crank. A stationary housing embraces the cylinder and has at least one port for intermittent communication with the cylinder chamber. One or more ported seals are positioned within the housing and adjacent the cylinder to minimize leakage.

IPC 8 full level

**F01L 7/02** (2006.01)

CPC (source: EP US)

**F01B 15/04** (2013.01 - EP US); **F01B 15/06** (2013.01 - EP US); **F02B 59/00** (2013.01 - EP US)

Citation (search report)

See references of WO 2006034058A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**US 2006054114 A1 20060316; US 7258084 B2 20070821**; BR PI0515323 A 20080722; CN 101076656 A 20071121; EP 1789662 A2 20070530; JP 2008513677 A 20080501; RU 2007106873 A 20081027; WO 2006034058 A2 20060330; WO 2006034058 A3 20070419

DOCDB simple family (application)

**US 22946205 A 20050916**; BR PI0515323 A 20050916; CN 200580030556 A 20050916; EP 05797575 A 20050916; JP 2007532512 A 20050916; RU 2007106873 A 20050916; US 2005033213 W 20050916